

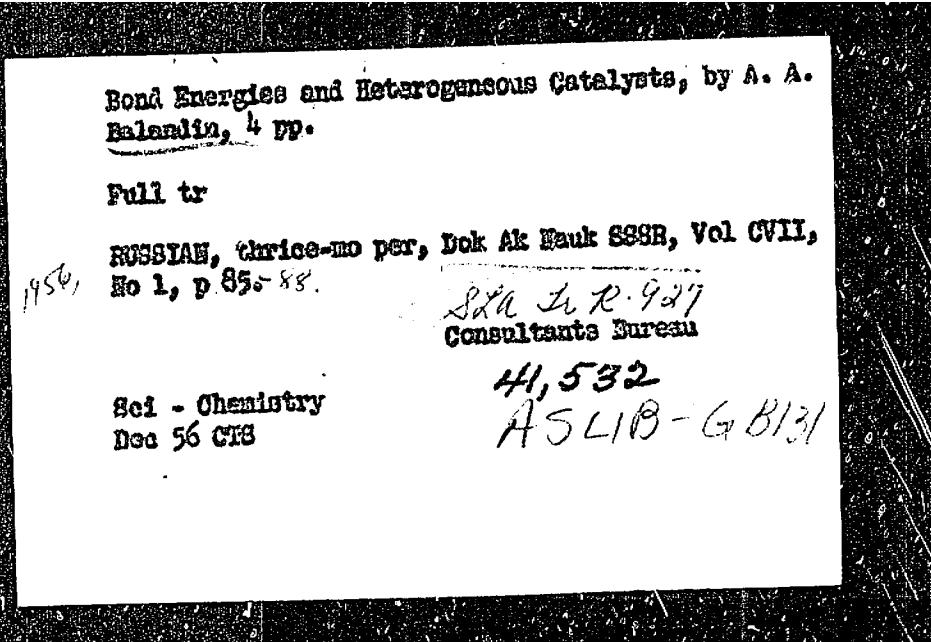
Preparation of p-Xylylenediamine by the Catalytic  
Reduction of Terephthalonitrile, by K. L. Fricdlin,  
A. A. Balandin, T. Smolkova, 5 pp.

RUSSIAN, Dok Ak Nauk SSSR, Vol CXII, pp 880-881,  
1957.

SIA R-1650

Sci - Chem  
Aug 58

70,524



On the Values of Bond Energies of Nickel Catalysts  
with Elements of Organic Compounds, by S. L.  
Kiperman, A. A. Balandin, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 2,  
pp 335-338.

Consultants Bureau

Sci - Chem  
Aug 58

69, 084

Effect of Separate Stages of the Polycondensation of  
Products From Catalytic Decomposition of Ethyl Alcohol  
on the Carbon Formation Rate, by G. Stegner,  
A. A. Balandin, et al., typ.

RUSSIAN, per, Iz Ak Nauk SSSR, IX Otdel Khim Nauk,  
No 1, XIX 1960, pp 24-30.

CB

Sci  
May 62

192,853

Kinetics of 2-Vinylpyridine Hydrogenation on a  
REX Paney Nickel Catalyst, by A. A. Palandin, I. I.  
Brusov, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 1, 1961, pp 15-20.

CB

Sci  
May 62

192,852

The Disintegration of Central American  
Peasantdom as a Marxist Critique. By A. J.  
Vilasini and C. V. Magalufko, S. M.

1958, 200, 13 Almanac, Edel, 1958  
Rev. No 12, 1958, pp 1303-1309.

Consultante: [unclear]

Det.

Arg. CO

123, 18/1

Kinetic Determination of Bond Energy With  
Chromium Oxide Catalyst, by A. A. Polstopystova,  
L. A. Salumin, E. I. Karpeyskaya, 8 pp

VSEKIM, v. 76 Ak Nauk SSSR, Obzor Kataliz  
Nauki, no. 10, 1958, pp. 1188-1191.

Consultants Bureau

204

May 188

Agm do

Adsorption and Catalysis. Communication 1.  
Liquid-Phase Hydrogenation of Maleic and  
Fumaric Acids, by V. V. Patrikeyev, A. A.  
Belanin, M. L. Khidetdin', 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 4; 1958, pp 411-418.

Consultants Bureau

Sci - Chem

112,282

Apr 60

Energy Reactions in Ring-Opening and Ring-Closing Reactions of Hydrocarbons, by G. Z.  
Levy, A. A. Balardina, 3 pp.

ISSUING, per, Iz Ak Nauk SSSR, Otdel Khim  
Nauki, No 12, 1958, pp 1497-1503.

Consultants Bureau

See

Apr 60

112, 847.

Studies of the Polyhydrogenation of Butene-Sstyrene  
Mixtures by Means of Radioactive Carbon C14, by  
G. V. Krapivyns, A. A. Balonchuk, O. N. Bogdanova,  
M. S. Rayzov, N. I. Kuzov.

RADIAN, 1967, BESZ VIZ UJDA, VOL XXXI, 1967, PP  
1657, 1663.

Access Koch WU GR  
05/2003 79, 960

Sci - Chem  
Feb 59

Catalytic Conversions of 2-Methylthiophene in the  
Presence of Steam, by A. A. Elandin, L. I. Sovalova,  
T. A. Slovokhotova, 6 pp.

RUSSIAN, ver, Dok Ak Nauk SSSR, Vol CX, No 4, 1958,  
pp 775-778.

Consultants Bureau

Sci - Chem

Jun 59

88,768

On the Stereochemistry of Catalytically Active  
Complexes, by A. A. Balandin, E. I. Klabunov-  
skiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 3,  
pp 585-587.

1957

Consultants Bureau

Sci - Chem  
Aug 58

69, 074

The Relationship Between Activity and Stability  
of Nickel-Alumina Catalysts and the Macrostructure of  
the Carrier, by L. M. Friclin, A. A. Balandin,  
and others, 6 pp.

RUSIAN, par, Iz Ak Nauk SSSR. Otdel Khim Nauk,  
No 8, 1959, pp 923-928.

Assoc Tech Serv  
86327R

Sci - Chem  
May 59  
030, V I, No 6

86,327

The Kinetics and Sequence of Hydrogenation of Bonds  
in Peroxide Compounds Over a Nickel Catalyst, by  
A. A. Balandin, N. V. Nikiforova, L. Kh. Freidlina,  
6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXII, No 4,  
1957, pp 649-652.

Consultants Bureau

Sci - Chemistry  
July 58

66,967

Kinetics of Catalytic Dehydrogenation of  
Isopropyl Alcohol in Presence of Transition  
Metals of the Fourth Period, by A. A. Balandin  
and P. Teteni, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV, No 1,  
1957, pp 727-730.

Consultants Bureau

Sci - Chem

Aug 58

70,930

Present State of the Catalysis Problem and the  
Theoretical Basis of the Search for Catalysts,  
by A. A. Balandin, 14 pp.

Full translation. 4

RUSSIAN, bimo per, Iz Ak Nauk, Otdel Khim Nauk, № X  
Jul/Aug 1955, pp 624-638. CIA C 41476

Consultants Bureau

32,609

Scientific - Chemistry

Mar 56 CTS/dec

CIA C 41476

140-75-100-100-100

Catalytic Hydrogenation. I. Kinetic Equation of  
Hydrogenation and Dehydrogenation Over Nickel  
Catalyst, by A. A. Balandin, 25 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XV, No 7/8,  
1945, pp 608-618.

Sci Trans Center  
RT-2588

Scientific - Chemistry  
CTS 75/Dec 55

29, 219

Kinetics of Dehydrogenation of Alcohols Over  
Precipitated Copper Catalyst, by A. A. Balandin,  
P. Teteni, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CHIII, No 5,  
1957, pp 1090-1093.

Consultants Bureau

Sci - Chem

Jun 58

65, 706

BALANDIN, A.A.

Influence of the nature of asbestos carrier on the activity of platinum catalysts.

CR LII, No 2, 46, 139.

Dehydrogenation of unsymmetrical diphenylethane,

CR LIII, No 2, 46, 127.

On the Reaction of isotropic exchange in the hydrogenation of benzene with deuterium over platinum and chromium catalysts,

CR LIII, № 8, 46, 715.

A 456

Dehydrogenation of diphenylethane

Principles of the Chemistry of Enzymes and Anti-metabolites from the Viewpoint of the Catalysis Theory, by A. A. Balandin, 4 pp.

RUSSIA, per, Dok Ak Nauk SSSR, Vcl CIV, No 5, pp  
008-1011.

X 1957  
CIA 59-10257  
Consultants Bureau

Sci - Chem  
Aug 58

69, 105-

Kinetics of the Dehydrogenation of Isopropyl  
and Ethyl Alcohols over Manganese Oxide, by  
A. A. Tolstopyatova, A. A. Balandin, E. M.  
Dmitriev, 12 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim  
Nauk, No 11, 1956, pp 1404-4

Consultants Bureau

Sci - Chem

Jun 58

65, 479

Mechanism of the Deactivation of Nickel Catalysts  
by Steam Under Pressure, by L. Kh. Freidlin,  
A. A. Balendin, M. V. Borunova, A. N. Agronomov,  
6 pp.

RSSSVAE, ser. Iz Ak Nauk SSSR, Otdel Chim Nauk,  
No 8, Aug 1956, pp 913-922.

Consultants Bureau

Sci - Chemistry  
Jul 57

449, 403

Catalytic Demethylation of  $\alpha$ -picoline to Pyridine  
Under the Action of Water Vapor, by A. A. Balandin,  
L. I. Sovalova, T. A. Slovokhotova, 5 pp.  
*Printed*  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol CX, No 1, 1956,  
pp 79-82.

Sci - Chemistry  
Oct 57

Assoc Tech Sv 73H13R  
ATS RJ-699  
54,140

Catalytic Hydrogenation of Triptycene Derivatives, by  
A. A. Balandin, E. I. Klabunovsky, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CX,  
No 4, Sep/Oct 1956, pp 571-574.

Consultants Bureau

Sci - Chem

56, 665

Dec 57

Catalytic Alkylation of n-Heptane With Propylene  
and n-Butene With Butylene at High Temperatures  
and Pressures, by <sup>1/6</sup> L. M. Freidlin, A. A.  
Balaiddin, N. N. Kazarova, 4 pp.

A1  
RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CIX,  
No 1, pp 105-108. Jul/Aug 1956

Consultants Bureau

Sci - Chem

56,617

Dec 57

The Sequence of the Hydrogenation, Cyclization and  
Hydrogenolysis Reactions of Furan Derivatives on  
Nickel Catalysts, by A. A. Bolandin, A. A. Pono-  
marev, 16 pp.

RUSSIAN, no pag., Zhur Obshch Khim, Vol XXVI, No 4,  
Apr 1956, pp 1146-1159.

Consultants Bureau

43,672

Sci - Chemistry  
Feb 1957 CTB/dax

Catalytic hydrogenation of isopentane-isopentene mixtures, by O. K. Logdinova, A. V. Shcheglova, N. N. Likhachik, 6 pp.

KIEVSKAYA, Kiev, Tsentral'noye Khimicheskoye Izdatelstvo, 1959, No. 10, 1959, p. 350-353.

Consultative Bureau

Proj. - Chem

Rep. 60

113 229

Orientation of Absorbed Molecules in a Uni-  
molecular Layer on Oxide Catalysts, by V. E.  
Vasserman, A. A. Balandin, M. P. Makcimova,  
4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 2, 1959, pp 363-364.

Consultants Bureau

Sci - Chem

113,420

Apr 69

Catalytic Hydrogenation of the 2,2-Diphenyl-1-picrylhydroxyl Free Radical in Presence of a Rhodium Catalyst, by A. A. Balandin, M. L. Khidekel', V. V. Patrikov, 3 pp.

RUSSIAN, per, Iz Akad SSSR, Otdel Khim Nauk,  
No 2, 1959, pp 361-362.

Consultants Bureau

Sci - Chem

113/418

Apr 60

Free Energy in the Adsorptioinal Displacement of  
Butene by Water From a Catalyst Surface, by A. A.  
Balandin, O. K. Bogdanova, A. F. Shcheglova, 10 pp.

Full translation.

RUSSIAN, bimo per, Iz Ak Nauk, Otdel Khim Nauk, No 8,  
Jul/Aug 1955, pp 723-733. CIA C 41476

Consultants Bureau

32,624

Scientific - Chemistry  
Mar 56 CTS/dex

Differential Thermocouple Method in Heterogeneous  
Catalysis, by A. A. Balandin, V. V. Patrikeyev,  
10 pp.

RUSSLAN, no per, Zhur Obshch Khim, Vol XIV, No 1/3  
Soviet 1944, pp 57-69.

Sci Tr Center  
RT -2656

28/788

Scientific - Chemistry  
Dec 55 CTS/DEX

The Thermal Ionization of Hydrogen and Hydrocarbons  
in the Presence of Metal Catalysts, by P. G.  
Ivanov, A. A. Doladkin, 5 pp.

OKIN  
BUREAU, per, Dok Ak Nauk SSSR, Vol 62, No 4,  
1958, pp 727-730.

Assoc Tech Sr  
71026R

Ref - Chem  
Apr 59  
SAB, V. L, Bo 5

86,171

Effect of the Method of Preparation and the Presence  
of a Carrier on the Catalytic Activity of Chronic  
Oxide in Dehydrogenation and Dehydration Reaction,  
by A. A. Tolstopyatova, K. A. Dulitskaya, A. A.  
Balandin, 10 pp.

RUSSIAN, no per, Iz Akad Nauk SSSR, Otdel Khim Nauk,  
No 10, 1956, pp 1256-1265.

Consultants Bureau

Sci - Chemistry  
Jan 58

58,000

The Free Energy, Heat and Entropy of the Adsorptional Displacement of Alcohols by Water from the Surface of an Oxide Catalyst, by A. A. Balandin, O. K. Bogdanova, A. F. Shcheglova, 4 pp.

2

RUSSIAN, DOK, Dok Ak Nauk SSSR, Vol CIXXII, No 2,  
1958, pp 312-314.

Consultants Bureau

Sci - Chem  
Dec 58

77,453

The Catalytic Activity of Tungsten Pentoxide,  
by A. A. Balandin, A. A. Tolstopyatova, V.  
Stenizhevskiy, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV,  
No 3, 625-628, 1960.

CB

Sci

May 61

153, 000

The Effects of Specific Gaseous Treatment on  
the Catalytic and Magnetic Properties of  
Chromic Oxide, by A. A. Balardin, I. D.  
Rochdestvenskaya, A. A. Slin'kin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, N.  
vcl CXXXIV, No 1, 1960, pp 110-113.

CB

Sci

152, 979

May 61

The Combined Dehydration of Alcohols in an  
Adsorbed Layer on Aluminum Oxide Catalysts;  
by V. E. Vasserberg, A. A. Baiundin, T. V.  
Georgievskaya, 4 pp.

RUSSIAN, ser. Dok Ak Nauk SSSR, Vol CXXXIV,  
No 2, 1960, pp 371-375.

CB

Sci

152, 989

May 61

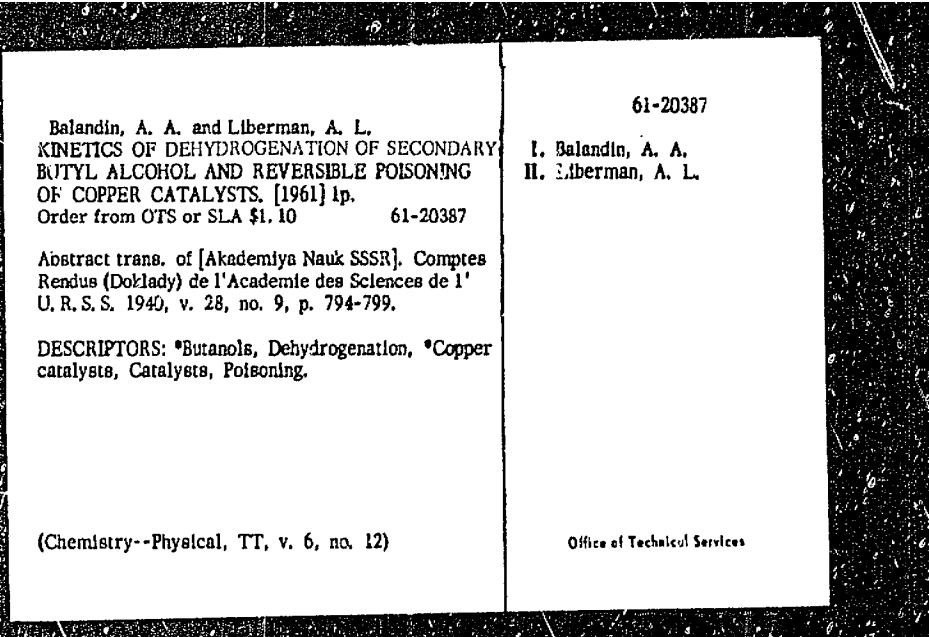
Isopropanol Dehydration and Tetraline De-hydrogenation Kinetics Upon Neodymium Oxide, by A. A. Tolstopyatova,  
A. A. Balandin.  
RUSSIAN, per, inv AN SSER, Ser Khim, No 1,  
1964, pp 5-8.  
NYC 69-12502-670

93

A. A. Balandin

Sci-Chem  
Aug 69

389,387



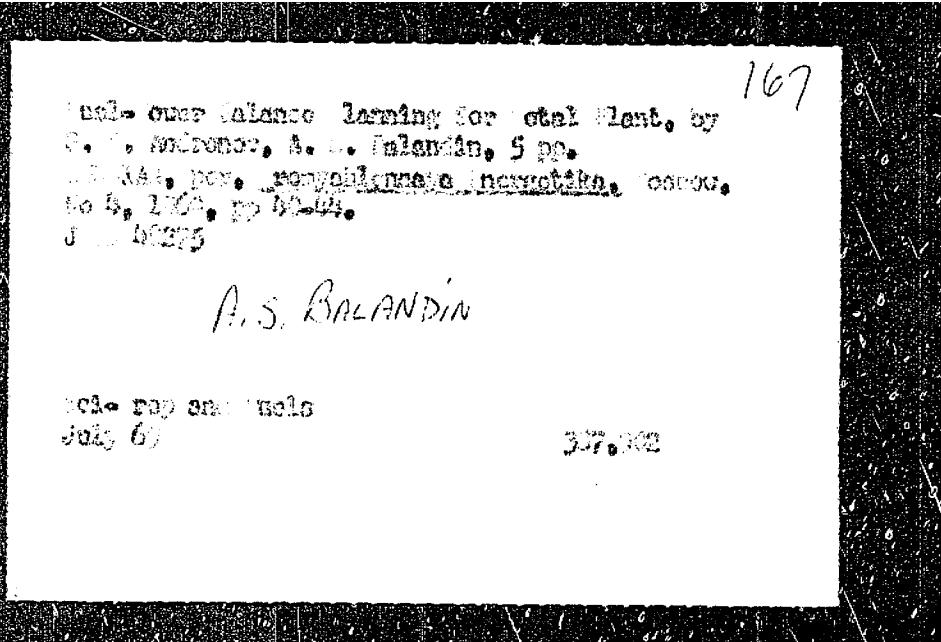
Investigation on Catalytical conversion  
of Isopropanol and of Cyclic Hydrocarbons  
on Titanium Dioxide (Anatase) by Means of  
a Differential Thermocouple, by A. A. <sup>47</sup>  
Balandin, A. A. Tolstopyatova, L. M. Kosenko.  
KUNSTAN, per. Akad Nauk SSSR. Izvestiya.  
Sudostroitschicheskikh Nauk, No 12,  
1960, pp. 2096-2102.

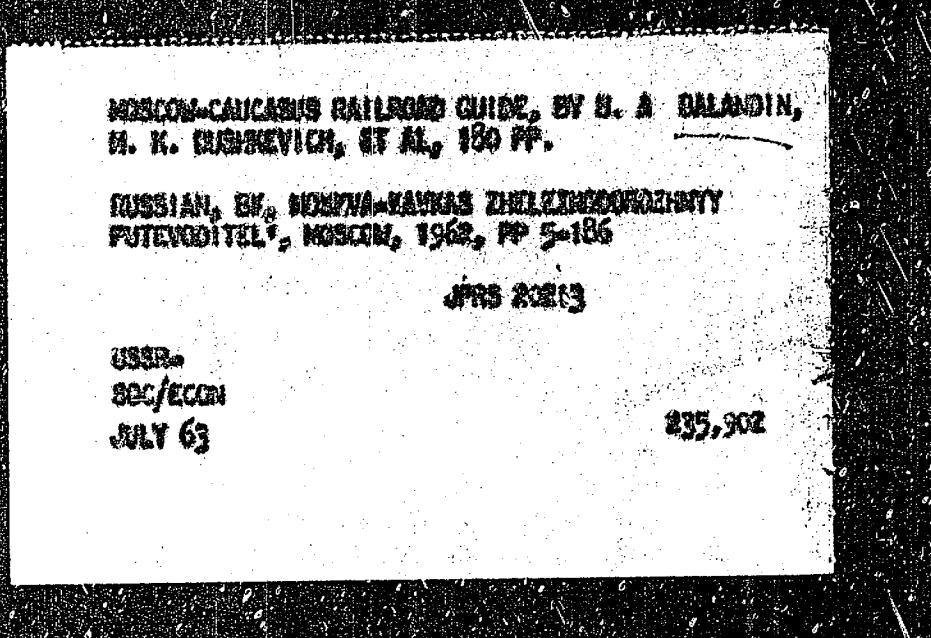
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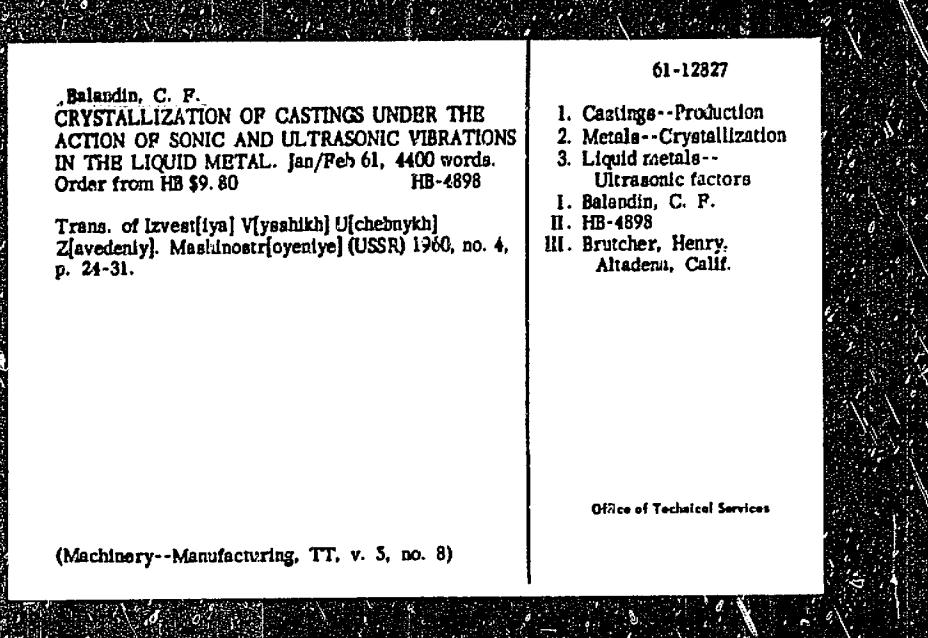
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386,624  
401 232



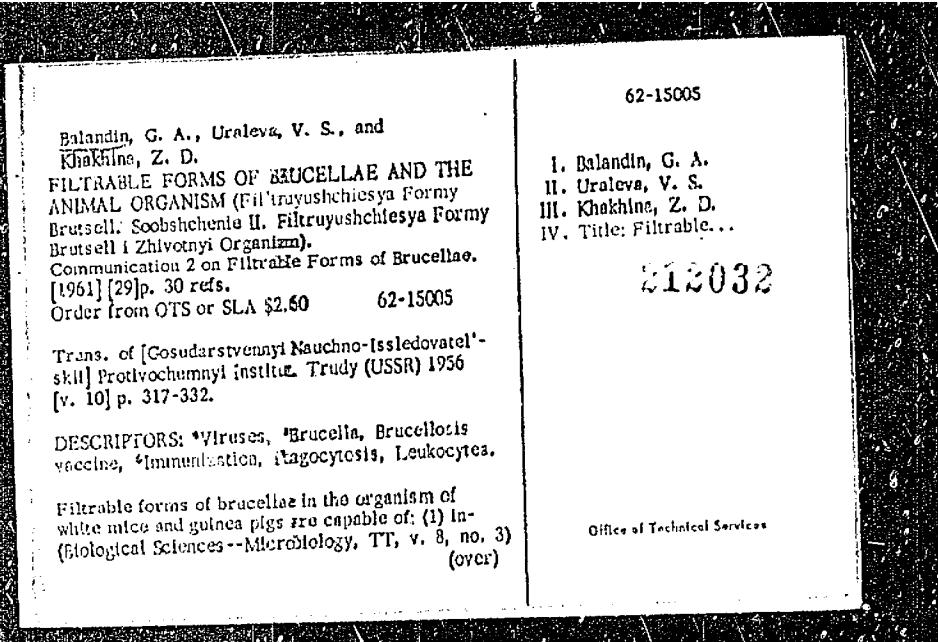




Casting Under Controlled Rapid Cooling (Application of the Simon Principles to Industrial Quality Production), by D. F. Galandin,  
Moscow, 1962, 263 pp.  
ISB№ 2079

Jap 67

316,760



An Early Diagnosis of Brucellosis in Agricultural  
Animals in the Basis of a Successful Control of  
That Infection in Animals and Men, by G. A. Nalantin,  
A. D. Trishina.

RUSSIAN, bk, Brutsel'ye Sel'skhoz Zhivotnykh,  
1955, pp 114-119. CIA 9006752

UBDA 40, 366

Sci - Medicine  
Nov 1956 CIA/dex

Pogostichniy i Bravillets Report I, by  
G. A. Balandin, S. P. Savchenko, 7 pp.

RUSSIAN, per, Zhar Mikrobiol, Epidemiol, i imunobiol,  
No 8, 1963, pp 44-48.

ZPBS 22232

Sci-Biol & Med Sci  
Doc 63

243,725

Balandin, G. A. and Uraleva, V. S.

IMMUNOGENICITY OF THE FILTRABLE FORMS OF  
BRUCELLAE (Fil'truyushchiye Formy Brucellae).  
Sobinchenko [lll. Immunogennost' Fil'truyushchikhsya  
Form Brucellae]. Communication 3 on Filtrable Forms  
of Brucellae. [1961] [8p. 9 refs.  
Order from OTS or SLA \$1.10]

62-15006

I. Balandin, G. A.

II. Uraleva, V. S.

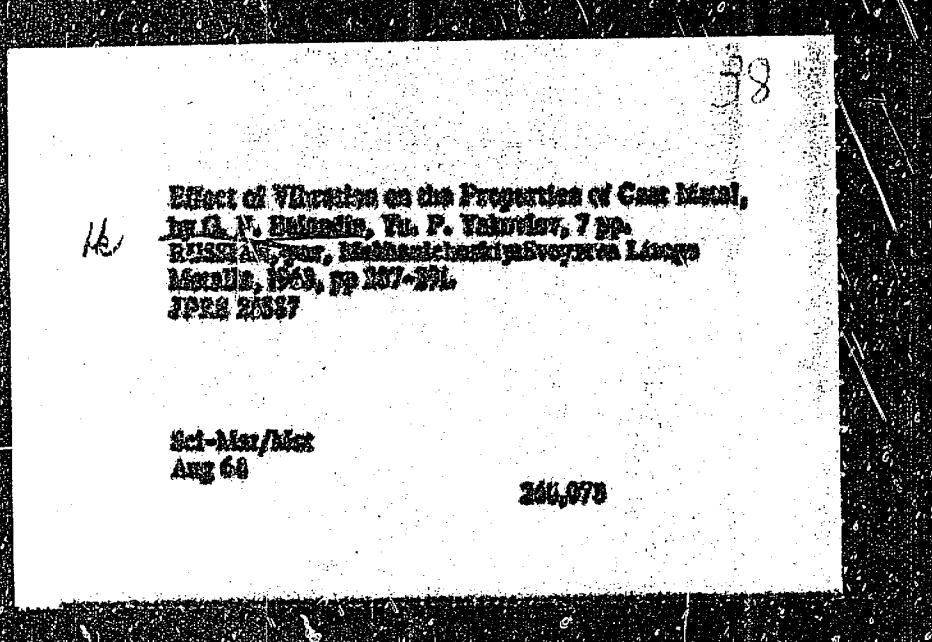
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Trans. of [Gosudarstvennyi Nauchno-Issledovatel'skiy  
Protivochumnyi Institut. Trudy (USSR) 1956 [v. 10]  
p. 333-338.

DESCRIPTORS: \*Viruses, Brucella, \*Brucellosis  
vaccine, \*Immunization, Mice.

In mice inoculated with the autoclaved and the  
autoclaved filtrable forms of brucellae, a somewhat  
raised resistance to infection of them with the viable  
forms of brucellae was unconditionally reproduced.  
(Biological Sciences--Microbiology, TT, v. 8, no. 2)  
(over)

62-15006  
(S-1784)  
Office of Technical Services



Effect of Vibrations on the Crystallization of  
Castings and Ingots, and Underlying Mechanism, by  
G. F. Balandin.

RUSSIAN, per, Fiz Metal i Metallov, Vol XV, No 5,  
1963, pp 673-677.

HB 6004

Sci - M/M  
Dec 63

243,431

Casting by the Surface Solidification Method, by  
G. F. BALANDIN

RUSSIAN, bk, Lit'e Namorazhivaniyem, Moscow, 1962,  
pp 1-261.

Program for Scien Trans

Sci - Mat & Met  
May 62

Casting of Metals With the Pouring System [Instead  
of the Mold] Being Vibrated, by G. F. Balendin.

RUSSIAN, per, Lit Proiz, No 7, 1960, pp 34-36.

HB 4908

Sci - Engr

Oct 60

129,106

Crystallization of Castings Under the Action of  
Sonic and Ultrasonic Vibrations in the Liquid  
Metal, by G. F. Balandin.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Mash,  
No 4, 1960, pp 24-31.

HB 4853

Sci - Min/Met

145,941

Sci. 51

Continuous Casting of Nonferrous Metals and  
Alloys Under Vibration, by G. F. Balandin,  
Yu. P. Yakovlev.

RUSSIAN, per, Tsvetnyye Metally, Vol XLV, No 1  
1961, pp 75-78.

HB 5169

Sci - Min/Met

156, 802

Jun 61

Effect of Mold Wall Thickness Upon Solidification of  
Ingots, by N. N. Rubtsov, G. F. Balandin.

RUSSIAN, per, Lit Proiz, No 4, Apr 1952, pp 16-19.

Brutcher No 3209  
58.40

Sci - Min/metals

40,658

A3L1B-GB70

Contribution to the Theory of Packing Foundry Molds,  
by G.F. Balandin.

RUSSIAN, per, Nauch Dok Vysss Shkoly, Mash i Prib,  
No 3, 1958, pp 122-131.  
9661836.

ATIC MCL 124/1

Sci ~ Engr  
Jun 61.

155,514

Achievements of Science and Engineering and  
Progressive Innovations in Industry and  
Construction, by G. F. Balandin,  
G. I. Fogolin-Alekseyev, 75 pp.

RUSSIAN, bk, Dostizheniya Nauki i Tekhniki  
Peredovoy Opyt v Promyshlennosti i  
Stroitel, No 3, 1960, pp 95-101, 102-146.  
9676523

FTD-TT-61-220

USSR  
Econ  
Sci - Misc  
4 May 62

194,127  
OTS AD 374120

On the Law of Friction When Welding With  
Slag, by G. F. Balezhnik, L. L. Sillin,  
6 pp.

RUSSIAN, 1961, Iz Ak Nauk SSSR, Otdel Nauk  
Nauk Metal i Topliv, No 6, 1960, pp 12-16.  
9570595

FED-MCL-1045/1

Box - Page

/63)723

Page 63

Methods for Obtaining Steady Conditions in the  
Ultrasonic Welding of Metals, by G. F. Balandin,  
L. L. Silin, 8 pp.

RUSSIAN, per, Svaroch Proiz, No 12, 1961,  
pp 1-5.

[REDACTED] B WRA

Sci

216,453

Nov 62

Effect of Vibrations on the Crystallization of  
Castings and Ingots, and Underlying Mechanism,  
by G. F. Elandin.

RUSSIAN, per, Fiz Metal i Metallof, Vol XIV, No 5,  
1963, pp 673-677.

MB 6004

Mat & Met  
Oct 63

345, 181

Force Interactions Between Solidifying Castings and  
the ~~Mold~~ Mould, by G. F. Balandin, Yu. A.  
Stepanov, 4 pp.

RUSSIAN, per, Lit Proiz, No 4, 1962.

EX BCIRF

Sci

Nov 62

216,436

Contribution to the Theory of Packing Foundry  
Molds, by G. F. Balandin, 14 pp.

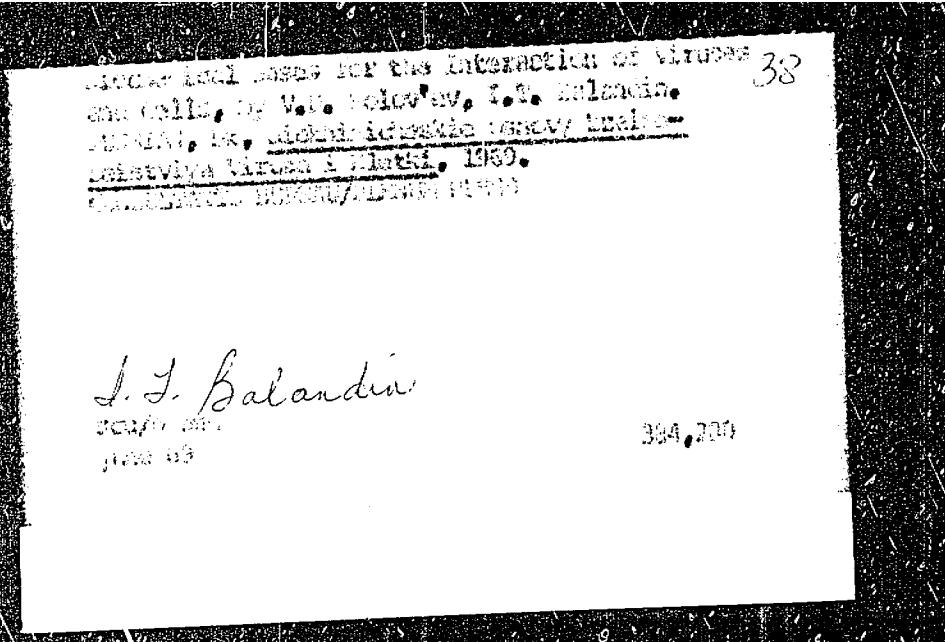
RUSSIAN, per, Nauchnyye Dok Vyschey Shkoly,  
Mashinostroy i Priborostroy, No 3, 1958,  
pp 122-131.

ATIC RUL-124

Sci

Apr 61

147,505



The Universality of the Template Principle in  
Biology and the Laws of Dialetics, by I.G. Balandin,  
6 pp.

RUSSIAN, per, Vest Ak Medik Nauk  
SSSR, Vol XIX, No 1, 1964.

JPRS 24,638

Sci

May 64

259,689

Corrosion of Metals in Thiozyl Chloride, by V. A.  
Titov, Yu. A. Babkin, I. M. Balandina, 3 pp.  
NOVOSTAN, nos. Zhur Prik Khim, Vol XXXII, No 5,  
1959, pp 1157-1160.

Consultative Bureau

SAC

June 60

117,753

Synchronisation Work of the Bubble Chamber With the  
Synchrocyclotron, by M. P. Balandin, V. G. Grebinnik,  
G. I. Selivanov, 20 pp.

RUSSIAN, per, Joint Inst for Nuclear Research, Dubna,  
JINR-P-852, 1961. 9087637

ABD UCRL Tr-811

Sci - Nuc Phys  
Jun 62  
List 69

197, 840

On the Absorption of  $\pi^+$  Mesons with Energies of  
About 50 Mev by Carbon Nuclei, by J. V.  
Laberrigue-Mtoloza, M. P. Balandin, S. Z. Otvinnovskiy,  
4 pp.

RUSSIAN, pas, Zhur Eksp i Teoret Fiz, Vol XXXVII,  
No 3(9), 1959, pp 634-638.

Amer Inst of Phys  
Sov Phys-JEFP  
Vol XXXVII (10), No 3

Sci

113, 948

Apr 60

Absorption of 40-70 MeV Mesons by Carbon in a Propane Bubble Chamber.(E), by M. P. Balandin, O. I. Ivanov,  
10 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLVI,  
No 2, 1964, pp 415-430.

Amer Inst of Phys  
Sov Phys-JETP  
Vol XIX, No 2

Sci  
Sep 64

266,540

An Investigation of  $\gamma^+ - \mu^+ - e^+$  decay with the Aid  
of a Propane Bubble Chamber and Scintillation  
Counters, by M. P. Balandin, V. A. Moiseenko,  
A. I. Mukhin, S. Z Otvinnovskii, 6 pp.

RUSSIAN, per, Zhur Ekspер i Teoret Fiz,  
Vol XXXVI(9), No 2, 1959, pp 424-432.

Amer Inst of Phys  
Sov Phys - JETP

Sci. & Phys  
Sept 59

97,165

The ST-64 Photo-Electric Telemeter in Urban  
Triangulation, by S. A. Salandin.  
RUSSIAN, per, Geodesiya i Kartografiya, No 5,  
1957, pp 24-26.  
ACSI J-3371  
ID 0204012057

S A Salandin

Sci/Electr  
June 68

356,271

Possibility of Analyzing Steel for Non-Alloying Elements in Electric Furnaces Without Taking Samples, By V. Z. Balandin, S. L. Mandel'shtam.

RUSSIAN, per, Zavod Lab, Vol XXIII, No 5, 1957,  
pp 545-548.

Henry Bratcher M472  
\$3.90

Sci & Engr

84, 254

Apr 59

Choice of Optimal Shape and Size of Impact Tools  
for Breaking-Up Frozen Soil, by V. P. Balandin,  
6 pp.

RUSSIAN, por, Streitel i Dorozhnoye Mashino-  
stroenije, No 11, 1957, pp 6-8.

Engr Res Devel Lab  
E-133

USER  
Econ  
Sci-Eng'r  
Dec 58

77,763

J..4760

(DC-3189).

A Parable About How True Believers Are Deceived, by  
Yu. Balandin, 5 pp.

RUSSIAN, np, Sovetskaya Kirgiziya, Frunze,  
18 Oct 1959, p 3.

JPRS-1115-D

USSR  
Soc - Religion  
2 Feb 60

107121

H  
Method of Testing of Materials Operating Under  
Long Time Service Conditions of Cyclic Thermal Stresses,  
by Yu. F. Balandin, V. A. Bratukhina,  
M. A. Zolotukhina, 3 pp.

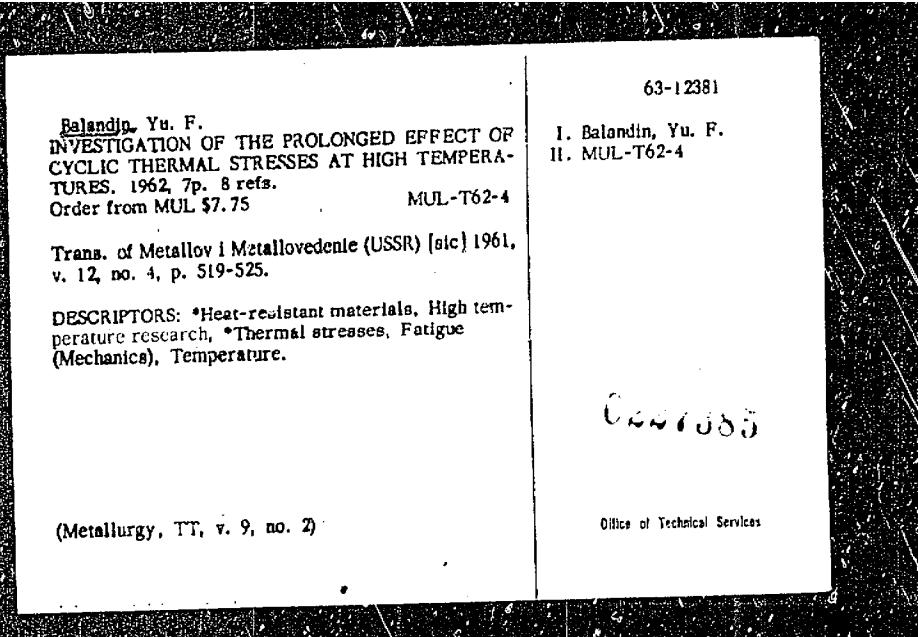
RUSSIAN, per, Zavod Lab, Vol XXVI, No 10, 1960,  
pp 1130-1132.

ISA

Sci

157,277

Jun 61



NCE-200 581

Field 20K, 14B

Balandin, Y. F.; Gubin, A. V.  
THERMAL FATIGUE TESTING WITH THE ADDITION OF  
MECHANICAL LOAD. Dec 64, 6p (foreign text included)  
2refs, NLL-M.5625,  
Order from NLL as M.5625

Trans. of Zavodskaya Laboratoriya (USSR) v30 n10 p1254-5  
1964.

I, International Nickel Co.  
(Mond) Ltd.,  
London (England)

Reduction of the Analyzer in Machine Translation, by N. A. Balandina, 19 pp.

RUSSIAN, bk, Problemy Kibernetiki, No 9,  
1963.

JPRS 21448

Sci

Oct 63

R41-109

Physico-Chemical Analysis of the System: Acetic Acid-Nitric Acid IV. Heat of Mixing, by S. P. Miskidz'yan, N. A. Trifonov, N. H. Feodosyev, N. I. Balandina.

RUSSIAN, per, Zhur Obshch Khim, Vol XIX, No 3, 1949,  
pp 393-395.

Consultants Bureau ~~Tr~~

Physico-Chemical Analysis of the System: Acetic Acid-Nitric Acid. V. Boiling Points, by S. P. Miskidz'yan, Sovetskii N. A. Trifonov, N. I. Palandina.

RUSSIAN, per, Zhur Obshch Khim, Vol XIX, No 3, 1949,  
pp 397-399.

Consultants Bureau

Scientific - Chemistry

14,503

Bubbling of Air Through a Layer of Viscous Liquid,  
by T. P. Levsh, O. B. Balandina, 11 pp.

RUSSIAN, par, Zhur Prikl Khim, Vol XXXII, No 5,  
1959, pp 1029-1036.

Consultants Bureau

Sci

Jun 60

117,773

The Effect of the Diluent on the Extraction  
of Uranyl Nitrate by Tributyl Phosphate. by V.  
B. Shevchenko, A. S. Solov'kin, I. V. Shilin,  
L. M. Kirillov, A. V. Rodionov, V. V. Balandina,  
24 pp.

RUSSIAN, per, Radiokhimiya, Vol 2 I, 1959,  
pp 257-269.

AEC NP-Tr-517

Sci - Chem  
Apr 61

149,572

Magnetochemical Investigations of Iron-Containing  
Glasses (Enamels), by K. P. Azarov, V. V. Balandina,  
V. A. Lyutsedarskiy, 3 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXIII, No 8,  
1960, pp 1900.

CB

Sci

Jul 61

161, 112

Solubility of Iron Oxides in Borosilicate  
and Boronless Silicate Melts, by K. P. Azarov,  
V. V. Balandina, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXV,  
No 6, Jul-Dec 1957, pp 1146-1147.

Consultants Bureau

Sci - Chem  
Aug 53

69, 332

(DC-5642)

Ways of Making the Forest Exploitation and  
Transportation Sector Profitable, by E. Balanescu,  
9 pp.

RUMANIAN, per, Revista Padurilor, Vol LXV, No 12,  
1960, pp 701-704.

JFAS 8511

159, 903

EEur - Rumania

Econ  
Jul 61

Future Mechanization of Lumbering, by Mr. Balanescu,  
FOUO.  
RUMANIAN, per, Revista Padurilor, Vol LXV, No 2, 1960,  
pp 65, 66.

FDD Sun 2554

EEur - Rumania

Econ - Agriculture

Key 60

Copyright

115,865

SECRET

(NY-3375).

Forestry Exploitation 1944-1959, by Emil Balanescu,  
5 EP.

RUMMIA, per, Revista de Padurilor, Vol LXXXIV,  
No 8, Bucharest, 1959, pp 469-471.

JERS 2462

112, 578

EEur - Romania  
Econ - Agriculture, Forestry  
Apr 60

SEARCHED

(NY-3374).

Forestry Transportation, by Emil Balasescu,  
Bail Tatomir, 13 pp.

ROMANIA, per, Revista Padurilor, Vol LXXIV,  
No 9, 10, Bucharest, 1959, pp 531-535, 594-598.

JPRS 2462

112,580

BBur - Romania  
Econ " Agriculture, Forestry  
Apr 60

(SF-1855)

Tow Trends in Crane Building, by Ion Balanescu,  
3 pp.

ROMANIA, per, Metalurgia si Constructia de Masini  
(Metallurgy and Machines Construction), Vol XIII,  
No 11, Bucharest, Nov 1961, pp 967-974.

JPRS 12724

18<sup>3</sup>, 887

W  
Sov-Romania  
Leon  
Kw 62

(FDD 12561)

The Problem of Establishing the Socialist  
Nation in the Rumanian People's Republic,  
by M. Frunza, M. Balasescu, 38 pp.

RUMANIAN, bimonthly, Lupta de Clasa, Bucharest,  
Feb/Mar 1952.

CIA/FDD/UT-1394

EEur - Rumania  
Politicaal -

19,311

Highway, Sea, and Air Transport During the First  
Years of the New-York Plan, by Mihai Balanescu,  
ROMANIAN, per, *Buletin Transportului*, No. 1,  
1964, pp 1-4.  
JPBS 25274

EE-Japania  
Extn  
Mar 66

250, 040

(DC-1460)

The Forestry Engineer's Manual [Excerpts], edited  
by T. Balanica, 76 pp. UNCLASSIFIED

RUMANIAN, bk, Manualul Inginerului Forestier,  
Bucharest, 1955, pp 407-431, 436-441, 689-700,  
700-714, 916-929.

US JERS/DC-L-191

EE - Rumania  
Geog  
May 58

602, 579

116  
Investigation of Change of Pressure Along Length  
and Ends of the Eiffel Chamber of the Supersonic  
Wind Tunnel, by B. A. Balanin, 6pp.  
RUSSIAN, per, Universitet. Vozrozh. Seriya  
Naukosti. Naukodokl i Astronauki, No 13, 1964.  
PL00371767-V  
PTD-MT-65-02

B. A. Balanin

Sci/Tech, Indus, Civil & Mar Engr  
Feb 68  
349,365

(DC-2466).

Construction, by B. V. Yegorov, V. M. Balanin,  
G. N. V'yuntsov, N. Ye. Kareshev, L. P. Lavrinovich,  
V. G. Trufanov, 43 pp.

RUSSIAN, bk, Rechnoy Transport SSSR 1917-1957,  
1957, pp 343-386.

JPRS-L-1849-D

95, 607

USSR  
Econ - River Transport  
Sep 59